

## SOUTH CAROLINA BUILDING CODES STATEWIDE MODIFICATIONS INDEX

The Modifications Index lists all modifications that apply to the respective 2018 building codes. The index is a compilation of all modifications that apply to the respective codes from the 2000 building code cycle, up to and including 2018 cycle. The modifications are arranged by the affected code section numbers in ascending order. Modifications continued from a prior building code cycle were renumbered to coincide with the 2015 building code cycle numbering, and are distinguished by a note and reference to their prior modification numbers.

### 2018 INTERNATIONAL RESIDENTIAL CODE

Number	Section	New / Continued
IRC 2018 01	R202	Continued (IRC 2015 01)
	R301.2.1.1	Expired
	R301.2.2.1	Expired
IRC 2018 02	R302.1	Continued (IRC 2015 02)
IRC 2018 03	R302.5.1	Continued (IRC 2015 03)
IRC 2018 04	R302.13	Continued (IRC 2015 04)
IRC 2018 05	R303.4	Continued (IRC 2015 05)
IRC 2018 06	R307.1	Continued (IRC 2015 06)
IRC 2018 07	R311.7.5.1	Continued (IRC 2015 07)
IRC 2018 08	R312.1.1	Continued (IRC 2015 08)
IRC 2018 09	R312.2	Continued (IRC 2015 09)
IRC 2018 10	R313	Continued (IRC 2015 10)
IRC 2018 11	R315.2.2	Add Language (IRC 2015 11)
IRC 2018 12	R317.1.1	Continued (IRC 2015 12)
IRC 2018 13	R318.1	Add Language (IRC 2015 13)
IRC 2018 14	R318.4	Delete & Add Language (IRC 2015 14)
IRC 2018 15	R319.1	Continued (IRC 2015 15)
IRC 2018 16	R322.1	Delete & Add Language (IRC 2015 16)
	R326.1	Deleted
IRC 2018 17	R404.1.9.2	Continued (IRC 2015 17)
IRC 2018 18	R408.3	Delete & Add Language (IRC 2015 18)
IRC 2018 19	R408.4	Continued (IRC 2015 19)
IRC 2018 20	R502.11.4	Continued (IRC 2015 20)
IRC 2018 21	R506.2.3	Continued (IRC 2015 21)
IRC 2018 22	R606.7	Continued (IRC 2015 22)
IRC 2018 23	R802.10.1	Continued (IRC 2015 23)
IRC 2018 24	R905.2.8.5	Continued (IRC 2015 24)
IRC 2018 25	Chapter 11	Continued (IRC 2015 25)
IRC 2018 26	M1411.6	Continued (IRC 2015 26)
IRC 2018 27	M1411.8	Continued (IRC 2015 27)
IRC 2018 28	M1502.3	Continued (IRC 2015 28)
IRC 2018 29	M1502.4.2	Delete & Add Language (IRC 2015 29)
IRC 2018 30	M1502.4.5	Continued (IRC 2015 30)
IRC 2018 31	M1503.4	Continued (IRC 2015 31)
IRC 2018 32	M1504.3	Add Language (IRC 2015 32)
IRC 2018 33	M1601.4.1	Continued (IRC 2015 33)
IRC 2018 34	G2418.2	Continued (IRC 2015 34)

IRC 2018 35	P2503.6	Continued	(IRC 2015 35)
IRC 2018 36	P2603.5	Continued	(IRC 2015 36)
IRC 2018 37	P2903.10	Continues	(IRC 2015 37)
IRC 2018 38	P2904.1	Continued	(IRC 2015 38)
IRC 2018 39	E3802.4	Continued	(IRC 2015 39)
IRC 2018 40	R3901.4.3	Delete & Add Language	(IRC 2015 40)
IRC 2018 41	R3902.16	Delete & Add Language	(IRC 2015 41)
IRC 2018 42	Appendix H	Continued	(IRC 2015 42)
IRC 2018 43	Appendix J	Continued	(IRC 2015 43)
IRC 2018 44	Appendix Q	New	

## 2018 INTERNATIONAL BUILDING CODE

Number	Section	New/Continued
IBC 2018 01	202	New
IBC 2018 02	303.4	Add Language (IBC 2015 01)
IBC 2018 03	312.1	Add Language (IBC 2015 02)
	403.2.1	Deleted
IBC 2018 04	706.1	Add Language (IBC 2015 03)
	706.3	Delete
	706.4	Delete
IBC 2018 05	903.2.9 Group S-1	Add Language (IBC 2015 04)
	1009.4	Delete
	1014.2	Delete
IBC 2018 06	1016.2	New
IBC 2018 07	1803.2	Add Language (IBC 2015 05)
IBC 2018 08	1907.1	Delete & Add Language (IBC 2015 06)
IBC 2018 09	2303.2.2	Delete Language (IBC 2015 07)
IBC 2018 10	Appendix H	Continued (IBC 2015 08)

## 2018 INTERNATIONAL FIRE CODE

Number	Section	New / Continued
IFC 2018 01	202 (Recreational Fire)	Delete & Add Language (IFC 2015 01)
IFC 2018 02	202 (Primitive Camp Structure)	Add Language (IFC 2015 02)
IFC 2018 03	202 (Agritourism)	Add Language (IFC 2015 03)
	307.5.	Delete
IFC 2018 04	315.7.6(1)	Delete & Add Language (IFC 2015 04)
IFC 2018 05	503.2.1	Continued (IFC 2015 05)
IFC 2018 06	507.1	Delete & Add Language (IFC 2015 06)
IFC 2018 07	507.5.1	Delete & Add Language (IFC 2015 07)
IFC 2018 08	901.6.3	Add Language (IFC 2015 08)
IFC 2018 09	903.2.9	Delete & Add Language (IFC 2015 09)
	905.3	Delete
IFC 2018 10	1016.2	New
IFC 2018 11	2307.4	Delete & Add Language (IFC 2015 10)

IFC 2018 12	2307.6	Continued	(IFC 2015 11)
	2307.2.2	Delete	
	2307.6.4	Delete	
IFC 2018 13	6101.1	Continued	(IFC 2015 12)
IFC 2018 14	6103.2.1.1	Continued	(IFC 2015 13)
IFC 2018 15	6103.2.1.6	Continued	(IFC 2015 14)
	6105.2	Delete	
IFC 2018 16	6106.1	Continued	(IFC 2015 15)
	6106.2	Delete	
IFC 2018 17	6107.4	Continued	(IFC 2015 16)
	6109.3	Delete	
	6109.7	Delete	
	6109.9	Delete	
IFC 2018 18	6109.13	Continued	(IFC 2015 17)
IFC 2018 19	6110.1	Continued	(IFC 2015 18)
IFC 2018 20	6111.2.1	Continued	(IFC 2015 19)
	6111.3	Delete	

### 2018 INTERNATIONAL FUEL GAS CODE

Number	Section	New / Continued
IFGC 2018 01	401.10	Continued (IFGC 2015 01)
IFGC 2018 02	412.4	Continued (IFGC 2015 02)
IFGC 2018 03	412.6	Continued (IFGC 2015 03)
IFGC 2018 04	412.8.3	Continued (IFGC 2015 04)
IFGC 2018 05	413.5	Section Change (IFGC 2015 05)
IFGC 2018 06	505.1.1	Continued (IFGC 2006 06)

### 2017 NATIONAL ELECTRICAL CODE

Number	Article	New / Continued
NEC 2017 01	90.2(B)(5)	Continued (NEC 2014 01)
	210.12(B)	Delete

### 2018 NATIONAL MECHANICAL CODE

Number	Section	New/Continued
IMC 2018 01	504.8.2	Delete & Add Language (NMC 2015 01)

**SOUTH CAROLINA MODIFICATIONS  
TO THE 2015 EDITION OF THE  
INTERNATIONAL RESIDENTIAL CODE**

As authorized by Section 6-9-40 of the South Carolina Code of Laws, 1976 as amended, the South Carolina Building Codes Council has approved the following modifications to the 2018 edition of the International Residential Code (IRC). Approved modifications under Section 6-9-40 are mandatory for all local jurisdictions and must be incorporated into the International Residential Code.

The modifications are arranged by the affected IRC section numbers in ascending order. Modifications continued from a prior building code cycle were renumbered to coincide with the 2018 building code cycle numbering, and are distinguished by a note and reference to their prior modification numbers.

**Modification Number:** IRC 2018 11.

**Section:** 315.2.2 Alterations, Repairs and Additions

**Modification:** Add Language

Exception 2. Installation, alteration or repairs of plumbing or mechanical systems other than installation or alteration of fuel fired systems and appliances.

**Proponent:** BOASC.

**Effective Date:** January 1, 2020

**Modification Number:** IRC 2018 13.

**Figure:** 318.1 Protection Against Subterranean Termites

**Modification:** Add Language

7. Treatments may be conducted as outlined in Section 27 1085 of the Rules and Regulations for the Enforcement of the SC Pesticide Control Act and enforced by the Clemson University Department of Pesticide Regulation.

**Proponent:** Home Builders Association of South Carolina.

**Effective Date:** January 1, 2020

**Modification Number:** IRC 2018 14.

**Figure:** R318.4 Foam Plastic Protection

**Modification:** Delete and Add Language

In areas where the probability of termite infestation is “very heavy” as indicated in Figure R301.2(7), extruded and expanded polystyrene, polyisocyanurate and other foam plastics shall not be installed on the exterior face or under interior or exterior foundation walls or slab foundations located below grade. The clearance between foam plastics installed above grade and exposed earth shall be not less than 6 inches (152 mm). For crawl space applications, foam plastic shall be installed so as to provide a termite inspection gap of no less than 6 inches along the top of the foundation wall and foundation sill plate.

Exceptions:

1. Buildings where the structural members of walls, floors, ceilings and roofs are entirely of noncombustible materials or pressure preservative treated wood.
2. On the interior side of basement walls.

**Proponent:** Home Builders Association of South Carolina.

**Effective Date:** January 1, 2020

**Modification Number:** IRC 2018 16.

**Figure:** R322.1 General

**Modification:** Delete and Add Language

Language Added: Where there is a conflict with this code section and a locally adopted flood ordinance, the more restrictive shall apply.

**Proponent:** BOASC

**Effective Date:** January 1, 2020

**Modification Number:** IRC 2018 18.

**Section:** R408.3 Under Floor Space.

**Modification:** Delete and Add Language.

Ventilation openings in under-floor spaces specified in Sections R408.1 and R408.2 shall not be required where the following items are provided:

1. Exposed earth is covered with a continuous vapor retarder meeting ASTM E 1745 Class A. Joints of the vapor retarder shall overlap by 6 inches (152 mm) and shall be sealed or taped. The edges of the vapor retarder shall extend not less than 6 inches (152 mm) up the stem wall and shall be attached and sealed to the stem wall or insulation.

**Proponent:** Structural Engineers Association of SC

**Effective Date:** January 1, 2020

**Modification Number:** IRC 2018 29

**Section:** M1502.4.2 Duct Installation.

**Modification:** Delete and Add Language

Exhaust ducts shall be supported at intervals not to exceed 8 feet and within 16 inches of each side of a joint that is not installed in a vertical orientation, secured in place, making rigid contact with the duct at not less than 4 equally spaced points or 2/3rds contact if strap is used. All brackets or strapping must be noncombustible. The insert end of the duct shall extend into the adjoining duct or fitting in the direction of airflow. The overlap shall comply with Section M1601.4.2. Ducts shall not be joined with screws or similar devices that protrude into the inside of the duct. Exhaust ducts shall be sealed in accordance with Section M1601.4.1. Where dryer ducts are enclosed in wall or ceiling cavities, such cavities shall allow the installation without deformation. The duct work may be ovalized as long as it terminates in an approved duct box. Minor imperfections located on the duct, in areas other than along the same, do not constitute a violation.

**Proponent:** Home Builders Association of South Carolina.

**Effective Date:** January 1, 2020

**Modification Number:** IRC 2018 32.

**Section:** M1504.3 Exhaust Openings.

**Modification:** Add Language

Air exhaust openings shall terminate as follows:

1. Not less than 3 feet (914 mm) from property lines.
2. Not less than 3 feet (914 mm) from gravity air intake openings, operable windows and doors.
3. Not less than 10 feet (3048mm) from mechanical air intake openings except where the exhaust opening is located not less than 3 feet (914mm) above the air intake opening. Openings shall comply with Section R303.5.2 and R303.6.

Exception: Bathrooms, water closets and shower spaces.

**Proponent:** Home Builders Association of SC

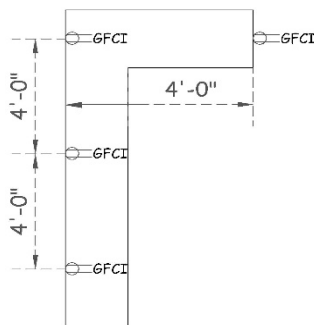
**Effective Date:** January 1, 2020

**Modification Number:** IRC 2018 40

**Section:** R3901.4.3 Peninsular countertop space

**Modification:** Delete and Add Language

Not less than one receptacle outlet shall be installed at each peninsular countertop long dimension space having a long dimension of 48 inches (1220 mm) or greater and a short dimension of 12 inches (305 mm) or greater. A peninsular countertop is measured from the connected perpendicular wall. [210.52(C)(3)].



**Proponent:** Home Builders Association of SC

**Effective Date:** January 1, 2020\



**Modification Number:** IRC 2018 41

**Section:** 3902.16 Arc Fault Circuit Interrupted Protection

**Modification:** Delete and Add Language

In areas other than kitchen and laundry areas, branch circuits that supply 120-volt single-phase, 15- and 20-ampere outlets installed in family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreations rooms, closets, hallways, and similar rooms or areas shall be protected by any of the following: [210.12(A)]

1. A listed combination-type arc-fault circuit-interrupter, installed to provide protection of the entire branch circuit. [210.12(A)(1)]
2. A listed branch/feeder-type AFCI installed at the origin of the branch-circuit in combination with a listed outlet branch-circuit-type arc-fault circuit-interrupter installed at the first outlet box on the branch circuit. The first outlet box in the branch circuit shall be marked to indicate that it is the first outlet of the circuit. [210.12(A)(2)]
3. A listed supplemental arc-protection circuit breaker installed at the origin of the branch circuit in combination with a listed outlet branch-circuit-type arc-fault circuit interrupter installed at the first outlet box on the branch circuit where all of the following conditions are met:
  - 3.1 The branch-circuit wiring shall be continuous from the branch-circuit overcurrent device to the outlet branch-circuit arc-fault circuit-interrupter.
  - 3.2 The maximum length of the branch-circuit wiring from the branch-circuit overcurrent device to the first outlet shall not exceed 50 feet (15.2 m) for 14 AWG conductors and 70 feet (21.3 m) for 12 AWG conductors.
  - 3.3 The first outlet box on the branch circuit shall be marked to indicate that it is the first outlet on the circuit. [210.12(A)(3)].
4. A listed outlet branch-circuit type arc-fault circuit interrupter installed at the first outlet on the branch circuit in combination with a listed branch-circuit overcurrent protective device where all of the following conditions are met:
  - 4.1 The branch-circuit wiring shall be continuous from the branch-circuit overcurrent device to the outlet branch-circuit arc-fault circuit-interrupter.
  - 4.2 The maximum length of the branch-circuit wiring from the branch-circuit overcurrent device to the first outlet shall not exceed 50 feet (15.2 m) for 14 AWG conductors and 70 feet (21.3m ) for 12 AWG conductors.
  - 4.3 The first outlet box on the branch circuit shall be marked to indicate that it is the first outlet on the circuit.

**Proponent:** Home Builders Association of SC

**Effective Date:** January 1, 2020

## IRC Modifications

**Modification Number:** IRC 2018 44.

**Section:** Appendix Q Tiny Houses.

**Modification:** New

The Building Codes Council does adopt IRC Section Appendix Q.

**Proponent:** BOASC

**Effective Date:** January 1, 2020

**SOUTH CAROLINA MODIFICATIONS  
TO THE 2015 EDITION OF THE  
INTERNATIONAL BUILDING CODE**

As authorized by Section 6-9-40 of the South Carolina Code of Laws, 1976 as amended, the South Carolina Building Codes Council has approved the following modifications to the 2018 edition of the International Building Code (IBC). Approved modifications under Section 6-9-40 are mandatory for all local jurisdictions and must be incorporated into the International Building Code.

The modifications are arranged by the affected IBC section numbers in ascending order. Modifications continued from a prior building code cycle were renumbered to coincide with the 2018 building code cycle numbering, and are distinguished by a note and reference to their prior modification numbers.

**Modification Number:** IBC 2018 01.

**Section:** 202 Chapter 2 Definitions.

**Modification:** New.

Vapor Retarder, Ground Contact: Ground contact vapor retarder class shall be defined using the requirements of ASTM E1745, Class A,B, or C-Standard specification for water vapor retarders used in contact with soil or granular fill under concrete slabs.

Primitive Camp Structure: shall include any structure permanent or temporary in nature, used for outdoor camping (transient), open on at least one side with no fully enclosed habitable spaces, less than 400 square feet under roof, and not classified as a residential occupancy due to lack of electrical, plumbing, mechanical and sprinkler systems.

**Proponent:** BOASC

**Effective Date:** January 1, 2020

## IBC Modifications

**Modification Number:** IBC 2018 02.

**Section:** 303.4 Assembly Group A-3.

**Modification:** New

**Reason:** Add to the listing of A-3 occupancies the following use: Structures, without a commercial kitchen, used in agritourism activity as defined by S.C. Code Ann. 46-53-10(1).

**Proponent:** BOASC

**Effective Date:** January 1, 2020

**Modification Number:** IBC 2018 03.

**Table:** 312.1 General

**Modification:** Added Language.

**Reason:** The term "Primitive Camp Structure" is added to the list of examples in this section for Group U.

**Proponent:** BOASC.

**Effective Date:** January 1, 2020

**Modification Number:** IBC 2018 04

**Section:** 706.1 General

**Modification:** Add Language.

Fire walls shall be constructed in accordance with Sections 706.2 through 706.11. Each portion of a building separated by one or more firewalls may be considered a separate building. The extent and location of such fire walls shall provide a complete separation. Where a fire wall separates occupancies that are required to be separated by a fire barrier wall, the most restrictive requirements of each separation shall apply.

**Proponent:** BOASC

**Effective Date:** January 1, 2020

**Modification Number:** IBC 2018 05.

**Section:** 903.2.9.Group S-1

**Modification:** Added Language

An automatic sprinkler system shall be provided throughout all buildings containing a Group S-1 occupancy where one of the following conditions exists:

1. A Group S-1 fire area exceeds 12,000 square feet (1115 m2).
2. A Group S-1 fire area is located more than three stories above grade plane.
3. The combined area of all Group S-1 fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m2).
4. A Group S-1 fire area used for the storage of commercial motor vehicles where the fire area exceeds 5,000 square feet (464 m2).
5. A Group S-1 occupancy used for the storage of upholstered furniture or mattresses where the fire area exceeds 2,500 square feet (232 m2).

Exception: This section, when acceptable to the Authority Having Jurisdiction, does not apply to self-storage facilities that are single-story, fire area(s) less than 12,000 square feet, and the building is only accessible from exterior entry points and is not provided with interior hallways, spaces or corridors.

**Proponent:** Charleston Fire Department

**Effective Date:** January 1, 2020.

**Modification Number:** IBC 2018 06

**Section:** 1016.2 Egress through intervening spaces

**Modification:** New

1. Exit access through an enclosed elevator lobby is permitted. Access to not less than one of the required exits shall be provided without travel through the enclosed elevator lobbies required by Section 3006 of the International Building Code. Where the path of exit access travel passes through an enclosed elevator lobby, the level of protection required for the enclosed elevator lobby is not required to be extended to the exit unless direct access to an exit is required by other sections of this code.

2. Egress from a room or space shall not pass through adjoining or intervening rooms or areas, except where such adjoining rooms or areas and the area served are accessory to one or the other, are not a Group H occupancy and provide a discernible path of egress travel to an exit.

**Exception:** Means of egress are not prohibited through adjoining or intervening rooms or spaces in a Group H, S, or F occupancy where the adjoining or intervening rooms or spaces are the same or a lesser hazard occupancy group.

3. An exit access shall not pass through a room that can be locked to prevent egress.

4. Means of egress from dwelling units or sleeping areas shall not lead through other sleeping areas, toilet rooms or bathrooms.

**Exception:** Dwelling units or sleeping areas in R-1 and R-2 occupancies shall be permitted to egress through other sleeping areas serving adjoining rooms that are part of the same dwelling unit or guest room.

5. Egress shall not pass through kitchens, storage rooms, closets, or spaces used for similar purposes.

**Exceptions:**

1. Means of egress are not prohibited through a kitchen area serving adjoining rooms constituting part of the same dwelling unit or sleeping unit.

2. Means of egress are not prohibited through stockrooms in Group M occupancies where all of the following are met:

2.1 The stock is of the same hazard classification as that found in the main retail area.

2.2 Not more than 50 percent of the exit access is through the stockroom.

2.3 The stockroom is not subject to locking from the egress side.

2.4 There is a demarcated, minimum 44-inch-wide (1118 mm) aisle defined by a wall not less than 42 inches high or similar construction that will maintain the required width and lead directly from the retail area to the exit without obstructions.

**Proponent:** BOASC

**Effective Date:** January 1, 2020

**Modification Number:** IBC 2018 07.

**Section:** 1803.2 Investigation required

**Modification:** Add Language.

Geotechnical investigations shall be conducted in accordance with Sections 1803.3 through 1803.5.

Exceptions:

1. The *building official* shall be permitted to waive the requirement for a geotechnical investigation where satisfactory data from adjacent areas is available that demonstrates an investigation is not necessary for any of the conditions in Sections 1803.5.1 through 1803.5.6 and Sections 1803.5.11.

2. For single story buildings not more than 5,000 sq ft and not more than 30ft in height, a site specification investigation report is not required if the seismic design category is determined by the design professional in accordance with Chapter 20 of ASCE 7.

**Proponent:** BOASC

**Effective Date:** January 1, 2020

**Modification Number:** IBC 2018 08.

**Section:** 1907.1 Minimum Slab Provisions

**Modification:** Delete and Add Language

**Reason:** Bring into compliance with the American Concrete Institute standards

The thickness of concrete floor slabs supported directly on the ground shall not be less than 3 ½ inches (89mm). A 10-mil (0.010 inch) polyethylene ground contact vapor retarder with joints lapped not less than 6 inches (152 mm) shall be placed between the base course or subgrade and the concrete floor slab, or other *approved* equivalent methods or materials shall be used to retard vapor transmission through the floor slab.

**Proponent:** Structural Engineers' Association of SC

**Effective Date:** January 1, 2020.

**Modification Number:** IBC 2018 09.

**Section:** 2303.2.2 Other means during manufacture

**Modification:** Delete Language

For wood products impregnated with chemicals by other means during manufacture, the treatment shall be an integral part of the manufacturing process of the wood product. The treatment shall provide permanent protection to all surfaces of the wood product

**Proponent:** BOASC

**Effective Date:** January 1, 2020



**SOUTH CAROLINA MODIFICATIONS  
TO THE 2018 EDITION OF THE  
INTERNATIONAL FIRE CODE**

As authorized by Section 6-9-40 of the South Carolina Code of Laws, 1976 as amended, the South Carolina Building Codes Council has approved the following modifications to the 2018 edition of the International Fire Code (IFC). Approved modifications under Section 6-9-40 are mandatory for all local jurisdictions and must be incorporated into the International Fire Code.

The modifications are arranged by the affected IFC section numbers in ascending order. Modifications continued from a prior building code cycle were renumbered to coincide with the 2018 building code cycle numbering, and are distinguished by a note and reference to their prior modification numbers.

**Modification Number:** IFC 2018 01.

**Section:** 202 General definitions.

**Modification:** Delete and Add.

Recreational Fire: An outdoor fire burning materials other than rubbish where the fuel being burned is not contained in an incinerator, outdoor fireplace, portable outdoor fireplace, barbeque grill or barbeque pit and has a total fuel area of 3 feet (914 mm) or less in diameter and 2 feet (610 mm) or less in height for pleasure, religious, ceremonial to include sky lanterns, cooking, warmth or similar purpose.

**Proponent:** South Carolina Fire Marshal's Association.

**Effective Date:** January 1, 2020

**Modification Number:** IFC 2018 02.

**Section:** 202 General definitions.

**Modification:** Delete and Add Language.

Primitive Camp Structure: Shall include any structure permanent or temporary in nature, used for outdoor camping (transient), open on at least one side with no fully enclosed habitable spaces, less than 400 square feet under roof, and not classified as a residential occupancy due to lack of electrical, plumbing, mechanical, and sprinkler systems.

**Proponent:** Building Official's Association of SC

**Effective Date:** January 1, 2020

**Modification Number:** IFC 2018 03.

**Section:** 202 General definitions.

**Modification:** Add Language.

Structures without a commercial kitchen, used in agirtourism activity as defined by S.C. Code Ann. 46-53-10(1).

**Proponent:** Building Official's Association of SC

**Effective Date:** January 1, 2020.

**Modification Number:** IFC 2018 04.

**Section:** 315.7.6(1)

**Modification:** Delete and Add Language

Use this table instead of the table in the 2018 IFC.

WALL CONSTRUCTION	OPENING TYPE	WOOD PALLET SEPARATION DISTANCT (FEET)		
		Less Than or Equal to 50 Pallets	51 to 200 Pallets	Over 200 Pallets
Masonry	None	2	2	2
Masonry	Fire-rated glazing w/open sprinklers	2	5	20
Masonry	Fire-rated glazing	5	10	20
Masonry	Plain glass w/sprinklers	5	10	20
Noncombustible	None	5	10	20
Wood w/open sprinklers		5	10	20
Wood	None	15	30	90
Any	Plain glazing	15	30	90

**Proponent:** Building Official's Association of SC

**Effective Date:** January 1, 2020

**Modification Number:** IFC 2018 06

**Section:** 507.1 Required water supply.

**Modification:** Deleted and Add language.

An approved water supply capable of supplying the required fire flow for the fire protection shall be provided to premises on which facilities, buildings or portions of buildings are hereafter constructed or moved into the or within the jurisdiction to meet the necessary fire flow as determined by the fire code official. Where public water supply is inadequate or not available, an approved alternative water source meeting the fire flow requirements shall be provided. Fire flow performance tests shall be witnessed by the fire official, or representative, prior to final approval.

Exception. One and two family dwellings, including attached or detached accessory structures.

**Proponent:** Charleston Fire Department

**Effective Date:** January 1, 2020

**Modification Number:** IFC 2015 07

**Section:** 507.5.1

**Modification:** Delete and Add Language

Where required. Where a portion of the facility or building hereafter constructed or moved into or within the jurisdiction is more than 500 feet from a hydrant on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on site fire hydrants and mains shall be provided where required by the fire code official.

Location. The location and number of hydrants shall be designated by the fire official, but in no case, shall distance between installed fire hydrants exceed 1000 feet (305 m). Fire hydrants shall be located within 500 feet (152 m) of all fire fighter access points when measured along the normal routes of fire department vehicle access which conforms to the requirements of section 503. No point of the exterior of a building shall be located more than 500 feet (152 m) from a hydrant accessible to fire department vehicles as provided in section 503.

Exceptions:

1. For Group R-3 and Group U occupancies, the distance requirements shall be 600 feet (183m).
2. For buildings equipped with an automatic sprinkler system installed in accordance with Section 903.1.1.1 or 903.3.1.2 the distance requirement shall be 600 feet (183m).

**Proponent:** Charleston Fire Department.

**Effective Date:** January 1, 2020

**Modification Number:** IFC 2018 08.

**Section:** 901.6.3

**Modification:** Add Language

Records of all system inspections, tests and maintenance required by the referenced standards shall be maintained. Copies of the inspection reports shall be sent to the local jurisdiction, by the servicing vendor, as prescribed by the Fire Code Official

**Note:** Change from IFC 906.1 to IFC 901.6.3

**Proponent:** Charleston Fire Department

**Effective Date:** January 1, 2020

**Modification Number:** IFC 2018 09.

**Section:** 903.2.9 Group S-1.

**Modification:** Deletes And Add Language.

An automatic sprinkler system shall be provided throughout all buildings containing a Group S-1 occupancy where one of the following conditions exists:

1. A Group S-1 fire area exceeds 12,000 square feet (1115 m2).
2. A Group S-1 fire area is located more than three stories above grade plane.
3. The combined area of all Group S-1 fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m2).
4. A Group S-1 fire area used for the storage of commercial motor vehicles where the fire area exceeds 5,000 square feet (464m2).
5. A Group S-1 occupancy used for the storage of upholstered furniture or mattresses where the fire area exceeds 2,500 square feet (232 m2).

**Exception.** This section, when acceptable to the Authority Having Jurisdiction, does not apply to self-storage type facilities that are single story, fire areas are less than 12,000 square feet, and the building is only accessible from exterior entry points and is not provided with interior hallways, spaces, or corridors

**Proponent:** City of Charleston.

**Effective Date:** January 1, 2020.

**Modification Number:** IFC- 2018 10

**Section:** 1016.2 Egress through intervening spaces

**Modification:** New

Egress through intervening spaces shall comply with this section.

1. Exit access through an enclosed elevator lobby is permitted. Access to not less than one of the required exits shall be provided without travel through the enclosed elevator lobbies required by Section 3006 of the International Building Code. Where the path of exit access travel passes through an enclosed elevator lobby, the level of protection required for the enclosed elevator lobby is not required to be extended to the exit unless direct access to an exit is required by other sections of this code.

2. Egress from a room or space shall not pass through adjoining or intervening rooms or areas, except where such adjoining rooms or areas and the area served are accessory to one or the other, are not a Group H occupancy and provide a discernible path of egress travel to an exit.

**Exception:** Means of egress are not prohibited through adjoining or intervening rooms or spaces in a Group H, S, or F occupancy where the adjoining or intervening rooms or spaces are the same or a lesser hazard occupancy group.

3. An exit access shall not pass through a room that can be locked to prevent egress.

4. Means of egress from dwelling units or sleeping areas shall not lead through other sleeping areas, toilet rooms or bathrooms.

**Exception:** Dwelling units or sleeping areas in R-1 and R-2 occupancies shall be permitted to egress through other sleeping areas serving adjoining rooms that are part of the same dwelling unit or guest room.

5. Egress shall not pass through kitchens, storage rooms, closets, or spaces used for similar purposes.

**Exceptions:**

1. Means of egress are not prohibited through a kitchen area serving adjoining rooms constituting part of the same dwelling unit or sleeping unit.

2. Means of egress are not prohibited through stockrooms in Group M occupancies where all of the following are met:

2.1 The stock is of the same hazard classification as that found in the main retail area.

2.2 Not more than 50 percent of the exit access is through the stockroom.

2.3 The stockroom is not subject to locking from the egress side.

2.4 There is a demarcated, minimum 44-inch-wide (1118 mm) aisle defined by a wall not less than 42 inches high or similar construction that will maintain the required width and lead directly from the retail area to the exit without obstructions.

**Proponent:** Charleston Fire Department

**Effective Date:** January 1, 2020

**Modification Number:** IFC 2018 11.

**Section:** 2307.4 Location of dispensing operations and equipment.

**Modification:** Delete and Add Language

The point of transfer for LP-gas dispensing operations shall be separated from buildings and other structures in accordance with NFPA 58 Table 6.7.2.1 and IFC Section 2306.7.

Exception: The point of transfer for LP-gas dispensing operations need not be separated from canopies that are constructed in accordance with the International Building Code and that provide weather protection for the dispensing equipment.

LP-gas containers shall be located in accordance with Chapter 61. LP-gas storage and dispensing equipment shall be located outdoors and in accordance with Section 2306.7.

**Reason:**

**Effective Date:** January 1, 2020



**SOUTH CAROLINA MODIFICATIONS  
TO THE 2018 EDITION OF THE  
INTERNATIONAL FUEL GAS CODE**

As authorized by Section 6-9-40 of the South Carolina Code of Laws, 1976 as amended, the South Carolina Building Codes Council has approved the following modifications to the 2018 edition of the International Fuel Gas Code (IFGC). Approved modifications under Section 6-9-40 are mandatory for all local jurisdictions and must be incorporated into the International Fuel Gas Code.

The modifications are arranged by the affected IFGC section numbers in ascending order. Modifications continued from a prior building code cycle were renumbered to coincide with the 2018 building code cycle numbering, and are distinguished by a note and reference to their prior modification.

**Modification Number:** IFGC 2018 05.

**Section:** 413.5 Private fueling of motor vehicles.

**Modification:** Section change from 412.9

Self-service LP-gas dispensing systems, including key, code and card lock dispensing systems, shall not be open to the public. In addition to the requirements of the International Fire Code, self-service LP-gas dispensing systems shall be provided with an emergency shutoff switch located within 100 feet (30 480 mm) of, but not less than 20 feet (6096 mm) from, dispensers and the owner of the dispensing facility shall ensure the safe operation of the system and the training of users..

**Reason:** Section change

**Proponent:** South Carolina Propane Gas Association

**Effective Date:** January 1, 2020

**SOUTH CAROLINA MODIFICATIONS  
TO THE 2018 EDITION OF THE  
INTERNATIONAL MECHANICAL CODE**

As authorized by Section 6-9-40 of the South Carolina Code of Laws, 1976 as amended, the South Carolina Building Codes Council has approved the following modifications to the 2018 edition of the International Mechanical Code (IMC). The approved modifications under Section 6-9-40 are mandatory for all local jurisdictions and must be incorporated into the International Mechanical Code.

The modifications are arranged by the affected IMC section numbers in ascending order. Modifications continued from a prior building code cycle were renumbered to coincide with the 2018 building code cycle numbering, and are distinguished by a note and reference to their prior modification numbers.

**Modification Number:** IMC 2018 01.

**Article:** 504.8.2.Duct Installation

**Modification:** Delete and Add Language.

Exhaust ducts shall be supported at intervals not to exceed 8 feet and within 16 inches of each side of a joint that is not installed in a vertical orientation, secured in place, making rigid contact with the duct at not less than 4 equally spaced points or 2/3rds contact if strap is used. All brackets and strapping must be noncombustible. The insert end of the duct shall extend into the adjoining duct or fitting in the direction of airflow. The overlap shall comply with Section 603.4.2. Ducts shall not be joined with screws or similar devices that protrude into the inside of the duct. Exhaust ducts shall be sealed in accordance with Section 603.9. Where dryer ducts are enclosed in wall or ceiling cavities, such cavities shall allow the installation without deformation. The duct work may be ovalized as long as it terminates in an approved duct box. Minor imperfections located on the duct, in areas other than along the seam, do not constitute a violation of this section.

**Proponent:** BOASC

**Effective Date:** January1, 2020

